MOTOROLA INC. **Semiconductor Products Division**

2200 WEST BROADWAY, MESA, ARIZONA 85202

MCM10150 ORDER FORM

DATE _____ 19 _____

PURCH. ORDER NO. _____

SOLD TO

_____

_____

_____

_____

Same as sold to unless otherwise indicated below.

SHIP TO

_____

_____

_____

_____

DASH NO. _____

(DO NOT MARK THIS SECTION)

Make All Marks '▬' With a Soft #2 Lead Pencil When Completing Form.

Erase Completely Any Marks You Wish to Change

MASTER PART NUMBER

PREFIX: MCM ▬

Line	0	1	2	3	4	5	6	7	8	9
1										
2	▬									
3	▬									
4		▬								
5						▬				
6	▬									

DASH NUMBER

Line	0	1	2	3	4	5	6	7	8	9
1										
2										
3										
4										
5										
6										

ORDER DATE

	01	02	03	04	05	06	07	08	09	10	11	12	
Mo.													
Day	TENS	0	10	20	30								
Day	UNITS	0	1	2	3	4	5	6	7	8	9		
Yr.	19--	74	75	76	77	78	79	80	81	82	83	84	

CUSTOMER NAME CODE

Line	12	11	0	1	2	3	4	5	6	7	8	9
1												
2												
3												
4												
5												

YOUR PART NUMBER*

Line	ZONES A to I	ZONES J to R	ZONES S to Z	A J	B K S	C L T	D M U	E N V	F O W	G P X	H Q Y	I R Z
1	12	11	0	1	2	3	4	5	6	7	8	9
2	12	11	0	1	2	3	4	5	6	7	8	9
3	12	11	0	1	2	3	4	5	6	7	8	9
4	12	11	0	1	2	3	4	5	6	7	8	9
5	12	11	0	1	2	3	4	5	6	7	8	9
6	12	11	0	1	2	3	4	5	6	7	8	9
7	12	11	0	1	2	3	4	5	6	7	8	9
8	12	11	0	1	2	3	4	5	6	7	8	9
9	12	11	0	1	2	3	4	5	6	7	8	9
10	12	11	0	1	2	3	4	5	6	7	8	9

Numbers are marked normally on each line. For any other characters, standard Hollerith coding is used. For example, a dash can be coded by marking the 11-block in one line. The table at the left shows how to code letters (note that **each** letter requires **two** marks — a "zone" mark and a "select" mark.)

As an example, you would code the 10-character part number: 'MYPART–123' as follows — For the 'M' on line 1, mark the [J to R] column (11-block) and the [D M U] column (4-block) like this:

'M' = 12 ▬ 0 1 2 3 ▬ 5 6 7 8 9

FOR THE 'Y' ON LINE 2, MARK THE [S TO Z] AND THE [HQY] COLUMNS.
" " 'P' " " 3, " " [J TO R] " " [GPX] "
" " 'A' " " 4, " " [A TO I] " " [AJ] "
" " 'R' " " 5, " " [J TO R] " " [IRZ] "
" " 'T' " " 6, " " [S TO Z] " " [CLT] "
" " '–' " " 7, " " 11-BLOCK
" " '123' " " 8,9 & 10, MARK THE 1,2, & 3 BLOCKS, RESPECTIVELY.

IMPORTANT

Print Part Number Here—

_____

Before Marking Grid at Left.

QUANTITY ORDERED

Line		1	2	3	4	5	6	7	8	9
1	100'S									
2	10'S	0	1	2	3	4	5	6	7	8	9
3	UNITS	0	1	2	3	4	5	6	7	8	9

IMPORTANT

Print Quantity Here —

_____

Before Marking Grid

Code your order quantity in this field. For example, if you require 46 parts of this type, mark the 4-block in line 2 and the 6-block in line 3.

MARKING OPTION

MOTOROLA DASH NBR. ☐☐ YOUR PART NBR. ☐☐

*If you desire your part number to be marked on each device, it **must** be coded in the proper field above; otherwise, the above part number field is optional.

PACKAGE TYPE

AL = ■ L = [ ] P = [ ] F = [ ]

ORDER/PERSONALITY TYPES

REORDER [ ] NEGATIVE LOGIC [ ]

If this is a new order (**not** a reorder of a pattern), the personality **must** be coded. Note that negative logic can be used if more than half of your pattern is 'ones'.

ROM PERSONALITY

ADDRESS N + 2	ADDRESS N + 1	ADDRESS N	N
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	0
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	3
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	6
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	9
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	12
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	15
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	18
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	21
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	24
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	27
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	30
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	33
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	36
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	39
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	42
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	45
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	48
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	51
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	54
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	57
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	60
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	63
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	66
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	69
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	72
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	75
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	78
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	81
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	84
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	87
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	90
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	93
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	96
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	99
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	102
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	105
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	108
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	111
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	114
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	117
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	120
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	123
[3] [2] [1] [0]	[3] [2] [1] [0]	[3] [2] [1] [0]	126

YOUR REMARKS _____

For Each Address, Code the Required Data-Out States for D_{out3} thru D_{out0}

For Example, If Address 126 Should Be 1011, Code the

Last Four Blocks in this Line as:

[2]

3	2	1	0	3	2	1	0	3	2	1	0	129
3	2	1	0	3	2	1	0	3	2	1	0	132
3	2	1	0	3	2	1	0	3	2	1	0	135
3	2	1	0	3	2	1	0	3	2	1	0	138
3	2	1	0	3	2	1	0	3	2	1	0	141
3	2	1	0	3	2	1	0	3	2	1	0	144
3	2	1	0	3	2	1	0	3	2	1	0	147
3	2	1	0	3	2	1	0	3	2	1	0	150
3	2	1	0	3	2	1	0	3	2	1	0	153
3	2	1	0	3	2	1	0	3	2	1	0	156
3	2	1	0	3	2	1	0	3	2	1	0	159
3	2	1	0	3	2	1	0	3	2	1	0	162
3	2	1	0	3	2	1	0	3	2	1	0	165
3	2	1	0	3	2	1	0	3	2	1	0	168
3	2	1	0	3	2	1	0	3	2	1	0	171
3	2	1	0	3	2	1	0	3	2	1	0	174
3	2	1	0	3	2	1	0	3	2	1	0	177
3	2	1	0	3	2	1	0	3	2	1	0	180
3	2	1	0	3	2	1	0	3	2	1	0	183
3	2	1	0	3	2	1	0	3	2	1	0	186
3	2	1	0	3	2	1	0	3	2	1	0	189
3	2	1	0	3	2	1	0	3	2	1	0	192
3	2	1	0	3	2	1	0	3	2	1	0	195
3	2	1	0	3	2	1	0	3	2	1	0	198
3	2	1	0	3	2	1	0	3	2	1	0	201
3	2	1	0	3	2	1	0	3	2	1	0	204
3	2	1	0	3	2	1	0	3	2	1	0	207
3	2	1	0	3	2	1	0	3	2	1	0	210
3	2	1	0	3	2	1	0	3	2	1	0	213
3	2	1	0	3	2	1	0	3	2	1	0	216
3	2	1	0	3	2	1	0	3	2	1	0	219
3	2	1	0	3	2	1	0	3	2	1	0	222
3	2	1	0	3	2	1	0	3	2	1	0	225
3	2	1	0	3	2	1	0	3	2	1	0	228
3	2	1	0	3	2	1	0	3	2	1	0	231
3	2	1	0	3	2	1	0	3	2	1	0	234
3	2	1	0	3	2	1	0	3	2	1	0	237
3	2	1	0	3	2	1	0	3	2	1	0	240
3	2	1	0	3	2	1	0	3	2	1	0	243
3	2	1	0	3	2	1	0	3	2	1	0	246
3	2	1	0	3	2	1	0	3	2	1	0	249
3	2	1	0	3	2	1	0	3	2	1	0	252
								3	2	1	0	255

CHECK SUM											Line
1000'S	1										1
100'S	0	1	2	3	4	5	6	7	8	9	2
10'S	0	1	2	3	4	5	6	7	8	9	3
UNITS	0	1	2	3	4	5	6	7	8	9	4

This field is optional and may be used to indicate the total number of marks in the personality field to insure that the data has been correctly read in.